

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for controlling a playback operation in a media player device, the method comprising:

receiving a user input for selecting one of N operating states of the media player device, each of the N operating states including first and second coincident operational modes of the media player device, the first coincident operational mode including reproducing audio/video (A/V) data recorded on a recording medium according to one of X playback states, the second coincident operational mode including processing additional data recorded on the recording medium or provided from a remote content provider according to one of Y operation states, where $N = X \times Y$; and

operating the media player device in the one of the N operating states in response to the user input.

~~defining a plurality of operating states based on coexisting operation modes of the media player device, wherein in a first operation mode the device is configured to reproduce audio/video (A/V) data recorded on a recording medium and in a second operation mode the device is configured to process additional data recorded on a recording medium or provided from a remote content provider; and~~

~~operating the device in at least one of the plurality of operating states, in response to user interfacing with the device to select said at least one of the plurality of operating states,~~

~~wherein the plurality of operating states comprise at least one of N operating states based on said first and second operational modes;~~

~~the first operational mode has X playback states associated with reproducing A/V data recorded on the recording medium,~~

~~the second operational mode has Y operation states associated with processing additional data recorded on a recording medium or provided by the remote content provider, where $N = X \times Y$.~~

2-5. (Canceled)

6. (Currently Amended) The method of claim 1, wherein the first coincident operational mode comprises at least one of play, still and stop playback states associated with reproduction of the A/V data.

7. (Currently Amended) The method of claim 6, wherein the second coincident operational mode comprises at least one of play, idle, and stop states associated with processing of the additional data.

8. (Currently Amended) The method of claim 7,
wherein the operating step includes playing back A/V data from the recording medium and displaying additional data received from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a play state and the second coincident operational mode is in a play state.

9. (Currently Amended) The method of claim 7,

wherein the operating step includes displaying a still picture of a A/V data from the recording medium and displaying additional data received from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a still state and the second coincident operational mode is in a play state.

10. (Currently Amended) The method of claim 7,

wherein the operating step includes discontinuing the playback of A/V data and displaying additional data received from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a stop state and the second coincident operational mode is in a play state.

11. (Previously Presented) The method of claim 10, wherein the displaying step displays the additional data in full screen mode and no A/V data.

12. (Currently Amended) The method of claim 7,

wherein the operating step includes playing back the A/V data and temporarily discontinuing a receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a play state and the second coincident operational mode is in an idle state.

13. (Currently Amended) The method of claim 7,

wherein the operating step includes playing back the A/V data and continuing a receiving of additional data from the recording medium or the remote content provider in association with the A/V data while discontinuing a displaying of the additional data, if the first coincident operational mode is in a play state and the second coincident operational mode is in an idle state.

14. (Previously Presented) The method of claim 12, wherein the playing back step plays back A/V data in full screen mode.

15. (Currently Amended) The method of claim 7,

wherein the operating step includes temporarily discontinuing a playback of the A/V data and temporarily discontinuing a receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a still state and the second coincident operational mode is in an idle state.

16. (Previously Presented) The method of claim 15, wherein the displaying step displays a still image of the last A/V data displayed.

17. (Currently Amended) The method of claim 7,

wherein the operating step includes discontinuing a playback of the A/V data and temporarily discontinuing a receiving of additional data from the recording medium or the

remote content provider in association with the A/V data, if the first coincident operational mode is in a stop state and the second coincident operational mode is in an idle state.

18. (Currently Amended) The method of claim 7,

wherein the operating step includes playing back the A/V data and discontinuing a receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a play state and the second coincident operational mode is in a stop state.

19. (Previously Presented) The method of claim 18, wherein the playing back step plays back the A/V data in full screen mode.

20. (Currently Amended) The method of claim 7,

wherein the operating step includes temporarily discontinuing a playback of the A/V data and discontinuing a receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a pause state and the second coincident operational mode is in a stop state.

21. (Currently Amended) The method of claim 7,

wherein the operating step includes discontinuing a playback of the A/V data and discontinuing a receiving of additional data from the recording medium or the remote content

provider in association with the A/V data, if the first coincident operational mode is in a stop state and the second coincident operational mode is in a stop state.

22. (Currently Amended) An enhanced media player, comprising:
a playback engine configured to reproduce A/V data from a recording medium;
an enhanced navigation engine configured to reproduce additional data from the recording medium or a remote content provider; and
a controller operably coupled to the playback engine and the enhanced navigation engine and configured to control ~~the reproducing~~reproduction of the A/V data and/or additional data, wherein

the controller is further configured to

receive a user input for selecting one of N operating states of the media player, each of the N operating states including first and second coincident operational modes of the media player, the first coincident operational mode including reproducing audio/video (A/V) data recorded on a recording medium according to one of X playback states, the second coincident operational mode including processing additional data recorded on the recording medium or provided from the remote content provider according to one of Y operation states, where $N = X \times Y$, and

operate the media player in the one of the N operating states in response to the user input.

~~control a plurality of operating states defined based on coexisting operation modes of the playback engine and the enhanced navigation engine;~~

~~the controller is configured to control the playback engine to reproduce audio/video (A/V) data recorded on a recording medium in a first operation mode and control the enhance navigation engine to process additional data readout from the recording medium or downloaded from a remote content provider in a first operation mode, in response to user interaction;~~

~~the plurality of operating states comprise at least one of N operating states based on said first and second operational modes;~~

~~the first operational mode has X playback states associated with reproducing A/V data recorded on the recording medium, and~~

~~the second operational mode has Y operation states associated with processing additional data recorded on the recording medium or provided by the remote content provider, where $N = X \times Y$.~~

23-26. (Cancelled)

27. (Currently Amended) The player of claim 22, wherein the first coincident operational mode comprises at least one of play, still and stop playback states associated with reproduction of the A/V data and the second coincident operational mode comprises at least one of play, idle, and stop display states associated with processing of the additional data.

28-30. (Cancelled)

31. (Currently Amended) The player of claim 27, wherein the controller is configured to control ~~the operating state including playing the enhanced media player to~~ play back A/V data from the recording medium and ~~displaying to display~~ additional data received from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a play state and the second coincident operational mode is in a play state.

32. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to display ~~the operating state including displaying~~ a still picture of a A/V data from the recording medium and ~~displaying to display~~ additional data received from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a still state and the second coincident operational mode is in a play state.

33. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to discontinue ~~the operating state including discontinuing the~~ playback of A/V data and ~~displaying to display~~ additional data received from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a stop state and the second coincident operational mode is in a play state.

34. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to play ~~the operating state including playing~~ back the A/V data and temporarily ~~discontinuing a~~ discontinue receiving of additional data from the recording

medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a play state and the second coincident operational mode is in an idle state.

35. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to play ~~the operating state including playing~~ back the A/V data and ~~continuing a~~ to continue receiving of additional data from the recording medium or the remote content provider in association with the A/V data while discontinuing a displaying of the additional data, if the first coincident operational mode is in a play state and the second coincident operational mode is in an idle state.

36. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to ~~the operating state including~~ temporarily ~~discontinuing~~ discontinue a playback of the A/V data and temporarily ~~discontinuing a~~ discontinue receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a still state and the second coincident operational mode is in an idle state.

37. (Previously Presented) The player of claim 36, wherein the controller is configured to control the playback engine to display a still image of the last A/V data displayed.

38. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to discontinue ~~the operating state including discontinuing a~~

playback of the A/V data and temporarily ~~discontinuing a~~discontinue receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a stop state and the second coincident operational mode is in an idle state.

39. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to play ~~the operating state including playing~~ back the A/V data and ~~discontinuing to~~discontinue a receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a play state and the second coincident operational mode is in a stop state.

40. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to ~~the operating state including~~ temporarily ~~discontinuing~~discontinue a playback of the A/V data and ~~discontinuing a~~to discontinue receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first coincident operational mode is in a pause state and the second coincident operational mode is in a stop state.

41. (Currently Amended) The player of claim 27, wherein the controller is configured to control the enhanced media player to discontinue ~~the operating state including discontinuing~~ a playback of the A/V data and ~~discontinuing a~~to discontinue receiving of additional data from the recording medium or the remote content provider in association with the A/V data, if the first

coincident operational mode is in a stop state and the second coincident operational mode is in a stop state.

42. (Previously Presented) The player of claim 22, further comprising:

a communication interface configured to communicate with the remote content provider to receive the additional data.